

tion has been reported. The nervous system in general, and the spinal cord in particular, can be attacked by infections secondarily and primarily. The writer believes that infections and intoxications of various character constitute the most frequent and the most active causative element in diseases of the cord. The day is not far distant when orrhoterapy will be used extensively in diseases of the nervous system.—*Medical Record*.

THE ETIOLOGY OF WHOOPING-COUGH.

As a result of their investigations into this subject, Drs. Jochmann and Krause have made a communication to the *Zeit. f. Hug. und Infectious Krankheiten*, Bd. 36, H. 2. The summary is as follows:

1. In the sputum of whooping-cough an influenza-like bacillus is found in the majority of cases.
 2. These bacilli, morphologically alike, do not belong to one species, but there are three distinct kinds, which can be distinguished from each other either by their biological or their staining properties.
 3. This accounts for the difference of views of different investigators.
 4. The authors do not consider Czaplewski and Hensel's bacillus to be the originator of the disease, as they have found it in the sputum only four times, and because those investigators did not carry their investigations far enough.
 5. In eighteen cases, and among them were three post-mortem examinations, an influenza-like bacillus was isolated which thrived exclusively on a soil containing hemoglobin, and which the authors have named the "Bacillus Pertussis Eppendorf."—*Medical Age*.
-

MORTALITY AFTER GALL-STONE OPERATION.

H. Kehr (*Munch. med. Woch.*, June 4, 1901), the well-known specialist, reviews 100 operations for gall-stones done by him during the last year and concludes that the mortality of the present day is very low if the operation is performed before pathological changes have set in to an advanced degree, but that it is high if such conditions as carcinoma and purulent cholangitis are encountered. Of the 16 patients that were lost, 4 died of cholemic hemorrhages, in 5 the stomach or intestines were involved in the operative procedure, and four cases were complicated by purulent inflammation and cancer. Only one died as a